

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"6531871".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 13:59
S1	1	"6830467".pn.	USPAT	OR	OFF	2005/04/26 09:13
S2	1	"6717501".pn.	USPAT	OR	OFF	2005/04/25 11:50
S3	1	"20050046590"	US-PGPUB; USPAT	OR	OFF	2005/04/25 12:32

S4	112	("0749633" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5332049" "5334801" "5371496" "5454605" "5455573" "5505502" "5517843" "5521592" "5568448" "5650983" "5691712" "5743301" "5810401" "5833490" "5853199" "5856710" "5898408" "5908212" "5924499" "5942990" "5955966" "5959547" "5971072" "6030004" "6041872" "6045165" "6046685" "6057784" "6104707" "6108268" "6123561" "6141763" "6173334" "6177882" "6188223" "6196335" "6209632" "6223826" "6367565" "6392317" "6405795" "6641434" "6655464" "6670880" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "0135179" "0193004" "0070842" "0213598" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5334801" "5371496" "5454605" "5455573" "5505502" "5517843" "5521592" "5568448" "5650983"	US-PGPUB; USPAT	OR	OFF	2005/04/26 09:43
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S5	55	S4 and (drill near3 string)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 13:49
S6	20	S5 and (transmission near3 (path line wire string))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 12:33
S7	15	S5 and (reflect\$3 TDR)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 13:49
S8	68	("2379800" "2411696" "3186222" "3205477" "3227228" "3233674" "3333239" "3930220" "4019148" "4087781" "4181014" "4215426" "4283780" "4293936" "4293937" "4298970" "4302757" "4320473" "4348672" "4363137" "4373582" "4387372" "4406919" "4468665" "4496174" "4525715" "4562559" "4578675" "4616702" "4617960" "4684946" "4691203" "4725837" "4739325" "4757157" "4766442" "4788544" "4800570" "4839644" "4845493" "4901069" "4908804" "4933640" "4968978" "5087099" "5130706" "5160925" "5268683" "5390748" "5394141" "5396232" "5448227" "5467083" "5467832" "5493288" "5530358" "5576703" "5583504" "5691712" "5914911" "6018501").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 15:53
S9	130	367/82,156,168.ccls. and (drill near4 (string line path))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 16:22
S10	36	367/82.ccls. and (reflect\$4) and electromagnetic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 16:54
S11	1	367/82.ccls. and (reflect\$4) and electromagnetic and ((determin\$3 detect\$3 find\$3 locat\$4) near3 (interruption\$1 discontinuit\$3 short open fault\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:09

S12	2	367/82,156,168.ccls. and (reflect\$4) and electromagnetic and ((determin\$3 detect\$3 find\$3 locat\$4) near3 (interruption\$1 discontinuit\$3 short open fault\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:14
S13	1	S12 not S11	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:21
S14	1	324/642,644.ccls. and (drill near3 (string path line))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:21
S15	1	324/637,642,644.ccls. and (drill near3 (string path line))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:15
S16	1	324/338.ccls. and (electromagnetically adj coupled)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:45
S17	6	324/338.ccls. and (electromagnetic\$5 adj coupl\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:47
S18	334	324/338.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 17:47
S19	0	367/82.ccls. and TDR	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:07
S20	1	367/82.ccls. and (reflect\$4) and ((determin\$3 detect\$3 find\$3 locat\$4) near3 (interruption\$1 discontinuit\$3 short open fault\$1 defect\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:10
S21	3	166/380.ccls. and (reflect\$4) and ((determin\$3 detect\$3 find\$3 locat\$4) near3 (interruption\$1 discontinuit\$3 short open fault\$1 defect\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:11
S22	1	"20020149501"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:11
S23	8	324/637,642,644.ccls. and TDR and (compar\$3 with reference)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 18:16
S25	5	"166"/\$.ccls. and (drill near3 (string\$1 path\$1 line\$1)) and (((shorted open) near2 (box pin) near2 end))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/26 09:21
S26	46	"166"/\$.ccls. and (drill near3 (string\$1 path\$1 line\$1)) and (((shorted open) near2 (box pin)))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/26 09:29

S27	41	S26 not S25	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/26 09:22
S28	199	"166"/\$.ccls. and (drill near3 (string\$1 path\$1 line\$1)) and ((detect\$4 determin\$3 find\$3 locat\$3) near3 (short open))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/26 09:30
S29	39	"166"/\$.ccls. and (drill near3 (string\$1 path\$1 line\$1)) same ((detect\$4 determin\$3 find\$3 locat\$3) near3 (short open))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/26 09:33

S30	112	("0749633" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5332049" "5334801" "5371496" "5454605" "5455573" "5505502" "5517843" "5521592" "5568448" "5650983" "5691712" "5743301" "5810401" "5833490" "5853199" "5856710" "5898408" "5908212" "5924499" "5942990" "5955966" "5959547" "5971072" "6030004" "6041872" "6045165" "6046685" "6057784" "6104707" "6108268" "6123561" "6141763" "6173334" "6177882" "6188223" "6196335" "6209632" "6223826" "6367565" "6392317" "6405795" "6641434" "6655464" "6670880" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "0135179" "0193004" "0070842" "0213598" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5332049" "5334801" "5371496" "5454605" "5455573" "5517843" "5521592" "5568448" "5650983"	US-PGPUB; USPAT	OR	OFF	2005/04/26 09:43
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S31	0	S30 and ((shorted open) near2 box)	US-PGPUB; USPAT	OR	OFF	2005/04/26 09:44
S32	6	S30 and ((shorted open) near3 end)	US-PGPUB; USPAT	OR	OFF	2005/04/26 09:51
S33	1	"6670880".pn.	US-PGPUB; USPAT	OR	OFF	2005/04/26 09:50
S34	27	(drill near3 (string path line)) and (location with (defect fault interruption))	US-PGPUB; USPAT	OR	OFF	2005/04/26 11:12
S35	27	340/854.4,855.2,854.9.ccls. and (drill near3 (string line path)) and (reflect\$3)	US-PGPUB; USPAT	OR	OFF	2005/04/26 11:25
S36	26	S35 not S34	US-PGPUB; USPAT	OR	OFF	2005/04/26 11:13

S37	112	("0749633" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5332049" "5334801" "5371496" "5454605" "5455573" "5505502" "5517843" "5521592" "5568448" "5650983" "5691712" "5743301" "5810401" "5833490" "5853199" "5856710" "5898408" "5908212" "5924499" "5942990" "5955966" "5959547" "5971072" "6030004" "6041872" "6045165" "6046685" "6057784" "6104707" "6108268" "6123561" "6141763" "6173334" "6177882" "6188223" "6196335" "6209632" "6223826" "6367565" "6392317" "6405795" "6641434" "6655464" "6670880" "2178931" "2197392" "2249769" "2301783" "2354887" "2379800" "2414719" "2531120" "2633414" "2659773" "2662123" "2748358" "2974303" "2982360" "0135179" "0193004" "0070842" "0213598" "3079549" "3090031" "3170137" "3186222" "3194886" "3209323" "3227973" "3253245" "3518608" "3696332" "3793632" "3807502" "3879097" "3930220" "3957118" "3989330" "4012092" "4087781" "4095865" "4121193" "4126848" "4215426" "4220381" "4348672" "4445734" "4496203" "4537457" "4578675" "4605268" "4660910" "4683944" "4698631" "4722402" "4785247" "4788544" "4806928" "4884071" "4901069" "4914433" "4924949" "5008664" "5052941" "5148408" "5248857" "5278550" "5302138" "5311661" "5332049" "5334801" "5371496" "5454605" "5455573" "5517843" "5521592" "5568448" "5650983"	US-PGPUB; USPAT	OR	OFF	2005/04/26 13:18
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S38	1	"5675325".pn.	US-PGPUB; USPAT	OR	OFF	2005/04/26 13:20
S39	1	"5568448".pn.	US-PGPUB; USPAT	OR	OFF	2005/04/26 13:20
S40	1	"4785247".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:09
S41	0	((("signal generator" and receiver) with (share near3 coil)) and (drill adj (string pipe))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:11
S42	0	((("signal generator" with receiver) with (share near3 (coil))) and (drill adj (string pipe))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:12
S43	0	((("signal generator" same receiver) same (share near3 (coil))) and (drill adj (string pipe))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:12
S44	26	((("signal generator" oscillator generator) with receiver) with ((coil))) and (drill adj (string pipe))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:22
S45	40281	((("signal adj generator) oscillator generator) with receiver)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:26
S46	30967	(share or "same") near3 coil	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 09:26
S47	22	((("signal adj generator) oscillator generator) with receiver) with ((share or "same") near3 coil)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 10:06
S48	2	("5631562" "6426917").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/27 10:07
S49	95	324/333,337,338.ccls. and (drill near (string\$1 path\$1 line pipe\$1))	USPAT	OR	OFF	2005/04/29 08:37
S50	128	324/333,337,338.ccls. and (drill near (string\$1 path\$1 line pipe\$1))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/29 08:34
S51	51	S50 and (reflect\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/29 08:34
S52	13	324/356.ccls. and (drill near (string\$1 path\$1 line pipe\$1))	USPAT	OR	OFF	2005/04/29 08:38
S53	61	324/356.ccls. and (drill near (string\$1 path\$1 line pipe\$1))	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/04/29 08:38

S54	1	("5568448".pn.)	USPAT	OR	OFF	2005/12/19 09:53
S55	0	"0389362"	EPO	OR	OFF	2005/12/19 09:54
S56	16	Grudzinski.in.	EPO	OR	OFF	2005/12/19 10:08
S57	0	S56 and (drill string)	EPO	OR	OFF	2005/12/19 09:54
S58	2	S56 and electromagnetic	EPO	OR	OFF	2005/12/19 09:54
S59	514	(electromagnetic same (drill near3 (string path)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 11:14
S60	6	(electromagnetic same (drill near3 (string path))) same (reflect reflection reflects reflecting)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:30
S61	10	("4181014" "4578675" "4684946" "4770034" "5163714" "5394141" "5945923" "6392561" "6531871" "6628206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:39
S62	1	S61 and (reflect\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:42
S63	8	("20030010493" "4684946" "5163714" "5394141" "5831549" "5945923" "6531871" "6628206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:50
S64	1	S63 and (reflect\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:52
S65	5	(electromagnetic same reflect\$4 same (fault\$1 interruption\$1 defect\$1)) and (drill near3 (string path))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 13:59